

Plantes in 1804, a place which enabled him to make some precious observations on the œconomy and physiology of animals. These are published in the 'Annales du Muséum,' and, with other valuable works on natural history, led to his election into the Academy of Sciences, to the Inspector Generalship of the University, to the Legion of Honour, to the Royal Society of London, and lastly, to the chair of comparative physiology at the Jardin des Plantes. A remarkable coincidence exists between his death and that of his brother; like him, he was about to deliver a fresh course of lectures, was attacked by paralysis, was aware from the first moment of the result which must ensue, was anxious to secure the welfare of others, was patient under severe sufferings, and was ready to meet his God. As a scientific man his loss will be severely felt, for not only did he write the above-mentioned works, but was a contributor to several of the journals of science, and the principal labourer in the 'Histoire des Mammifères,' published in conjunction with M. Geoffroy St. Hilaire. As a father, a friend, and a brother to the bereaved widow, who is thus again visited by heavy calamity, his loss is irreparable, and as a master, the very quadrupeds of the Jardin will feel the loss of his benevolent cares. M. Cuvier has left a son, who bears his noble name with honour.—*Athenæum*.

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METEOROLOGICAL OBSERVATIONS FOR SEPTEMBER 1838.

*Chiswick*.—Sept. 1—3. Very fine. 4. Foggy: very fine. 5. Fine: rain. 6. Heavy rain. 7. Showery. 8. Cloudy and cold. 9—12. Very fine. 13, 14. Overcast and fine. 15. Hazy: very fine. 16, 17. Foggy in the mornings: very fine. 18. Fine: overcast. 19. Rain: very fine: drizzly. 20. Cloudy. 21, 22. Foggy: very fine. 23. Slight rain: fine: rain at night. 24. Foggy: heavy rain. 25. Hazy. 26. Foggy: fine. 27. Rain. 28. Foggy: fine. 29. Foggy: rain. 30. Very fine.

On the evening of the 16th, about 8 P.M., a luminous arch was observed ascending from the west and proceeding in an easterly direction; terminating in the zenith, but with an attenuated broad train, bending towards the south.

*Boston*.—Sept. 1, 2. Fine. 3. Cloudy. 4, 5. Fine. 6. Rain. 7. Fine: rain A.M. 8. Cloudy. 9—12. Fine. 13—15. Cloudy. 16. Fine: lively appearance of northern lights 8 P.M. 17, 18. Cloudy. 19. Fine: rain early A.M. 20, 21. Fine. 22. Foggy. 23. Cloudy: rain at night. 24—26. Cloudy: rain P.M. 27. Rain. 28. Fine. 29, 30. Foggy.

*Applegarth Manse, Dumfries-shire*.—Sept. 1. Temperate. 2. Shower A.M.: fair P.M. 3. Fair A.M.: wet P.M. 4. Showery great part of the day. 5. Wet all day. 6. Dripping day. 7—9. Fine harvest days. 10. Cloudy. 11. Cloudy: moist P.M. 12. Showery throughout. 13. Dull: moist. 14. Moist and warm. 15. Mild: warm. 16. Fine harvest day: Aurora. 17. Fine harvest day. 18. Fair till 6 P.M. rain. 19. Fair A.M.: rain. 20. Fair till 3 P.M.: rain and thunder. 21. Fair till 5 P.M.: rain. 22. Showery all day. 23. Fair all day. 24. Dripping day: cold. 25. Very moist. 26. Remarkably fine. 27. Very mild: warm P.M. 28. Fine harvest day. 29. Rather moist. 30. Fine harvest day.